DEC 1 0 1991

CELMN-OD-R

MEMORANDUM FOR Commander, Lower Mississippi Valley Division,
            ATTN: CELMV-CO-O

SUBJECT: Project Operations - Inspection of Completed Works

1.   In accordance with ER 1150-2-301, ER 1130-2-339, and
DIVR 1130-2-304, a negative report is submitted herewith for
unsatisfactory maintenance by local interests for all features
originally authorized under the Mississippi River and Tributaries
Project and under Construction General.

2.   Included also are inspection reports for New Orleans District
projects.

3 Encls (trip)
1. Rept, Completed   MICHAEL DIFFLEY
   ENG Form 4390-R   COL, EN
2. Rept, MR&T Levees
3. Rept, Small Flood
   Control Projects

/COLLETTI
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GUILLOT
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EXEC OFC

FILE

SUBJECT: 1991 Annual Inspection for Maintenance of Completed MR&T Flood Control Works in the New Orleans District

1. The 1991 inspections of FCMR&T levees, floodwalls, and drainage structures operated and maintained by local interests were conducted during the period September 25 through November 15, 1991.

2. All inspections were conducted by the District Commander and/or his Deputy, appropriate members of Operations and Readiness Division, Engineering Division, Construction Division, Life Cycle Project Management, Real Estate Division, the Louisiana Department of Transportation and Development (LA DOTD), and Levee Board Commissioners and their staff.

3. Comments on the condition of levees, of maintenance performed by local interests during the year, and our ratings are as follows:

    a. <u>RED RIVER, ATCHAFALAYA and BAYOU BOEUF LEVEE DISTRICT.</u>

        The levee system within LMN consists of the Mansura Hills to Hamburg levee (20.3 miles), Bayou des Glaises fuse plug levee (8.1 miles), Atchafalaya River levee - right descending bank (43.0 miles), and a portion of the west Atchafalaya Basin protection levee (34 miles).

        The inspection was conducted on September 25, 1991. The levees, cattle guards, and fences were well maintained. An OUTSTANDING rating is assigned.

    b. <u>FIFTH LOUISIANA LEVEE DISTRICT</u>

        The levee system within LMN consists only of the right descending Mississippi River levee (16.8 miles) between Black Hawk, LA, and the Old River lock. They are also responsible for 338 miles of levees in LMK.

        The inspection was conducted on September 26, 1991. The levee was mowed and the crown was in excellent condition. An OUTSTANDING rating is assigned.

c. ATCHAFALAYA BASIN LEVEE DISTRICT

The levee system consists of the following reaches of river and floodway levees:

Levee along the south and west banks of lower Old River and the right descending Mississippi River levee from Barbre Landing in Pointe Coupee Parish to Bayou Lafourche at Donaldsonville, Ascension Parish (length is 119 miles, including 1.2 miles of spur dikes and the 3,906-foot length of the Morganza control structure) the upper Morganza floodway levee (length is 12.0 miles including 3.0 miles which are a part of the mainline levee at Morganza control structure); the lower Morganza floodway levee and the east Atchafalaya Basin protection levee extending from the west Mississippi River levee at Morganza, along the east side of the Atchafalaya Basin to a point approximately 6 miles south of Morgan City, in St. Mary Parish (length is 92.6 miles, of which 5.8 miles are maintained by the City of Morgan City and St. Mary Parish); the west Atchafalaya Basin protection levee from Bayou Courtableau in St. Landry Parish along the west side of the Atchafalaya Basin to the Gulf Intracoastal Waterway below Berwick, in St. Mary Parish (length is 92.6 miles, of which 4.9 miles below the lower Atchafalaya River are maintained by the Town of Berwick and St. Mary Parish); the left descending Atchafalaya River levee from Barbre Landing in Pointe Coupee Parish to a point about 1.5 miles above the head of Whiskey Bay Pilot Channel in St. Martin Parish (length is 51.1 miles); the right descending Atchafalaya River levee from Bayou Courtableau in St. Landry Parish to a point below Butte Larose settlement in St. Martin Parish (length is 18.0 miles); total length of levees in the district is 387.0 miles.

The levee inspection was conducted on October 1-2, 1991. The levees and floodwalls were very well maintained. An OUTSTANDING rating is assigned.

d. MORGAN CITY

The protection system north of the Southern Pacific Railroad is known as "Morgan City Front", consists of 213 feet of earthen levee, 1.3 miles of concrete floodwall, a pumping station and 1600 feet of storm drainage facilities; south of the railroad is known as "Tiger Island", consists of 1.6 miles of levee 2000 feet of concrete floodwall, a pumping station, and 2500 feet of storm drainage facilities.

The inspection was conducted on October 2, 1991. The protection system is well maintained and no significant maintenance deficiencies were noted. An OUTSTANDING rating is assigned.

e. TOWN OF BERWICK

The protection system consists of 1.6 miles of levee, 0.9 mile of concrete floodwall, and a gated drainage structure to provide protection for a 32-inch storm sewer passing through the floodwall.

The inspection was conducted on October 2, 1991. Portions of the levee system were under construction to be enlarged at the time of the inspection; those sections were not included in the inspection. Overall, the levee and floodwall were well maintained and no significant maintenance deficiencies were noted. An OUTSTANDING rating is assigned.

f. ST. MARY PARISH

The protection system consists of 63 miles of levee, 11 drainage pumping stations, drainage structures, and numerous culverts.

The inspection was conducted on October 3, 1991. The levees, pumping stations, and other drainage facilities were well maintained. The East Bayou Sale levee was under construction to be enlarged and six of the pumping stations were undergoing construction or maintenance improvements at the time of the inspection. An OUTSTANDING rating is assigned.

g. ORLEANS LEVEE DISTRICT

This district is responsible for maintaining 125.9 miles of levees and floodwalls in Orleans Parish; 13.3 miles on the east bank of the Mississippi River and 13.9 miles on the west bank, and 98.7 miles along the shore of Lake Pontchartrain and canals connected thereto. The district also controls 22 miles of spillway area in lower Plaquemines Parish on the east bank of the Mississippi River from Bohemia Plantation to Ostrica; 8.3 miles of this reach are still protected by a levee.

The mainline river levees and floodwalls were inspected on October 8, 1991, and the hurricane protection levees were inspected in June 1991. All levees and floodwalls were in excellent condition. An OUTSTANDING rating is assigned.

h. WEST JEFFERSON LEVEE DISTRICT

        This district is responsible for maintaining 20.2 miles of
levee on the west bank of the Mississippi River and 40 miles of
back levees, which are being upgraded under the West Bank Hurricane
Protection Project, in Jefferson Parish.

        The mainline river levee was inspected on October 23, 1991.
The hurricane protection levees will not be inspected until
construction is completed. The river levees and floodwall segments
were in excellent condition. There was one ongoing construction
project underway to enlarge the levee in the Gretna area. An
OUTSTANDING rating is assigned.

i. LAFOURCHE BASIN LEVEE DISTRICT

        This district is responsible for maintaining 61.3 miles of
levee on the west bank of the Mississippi River between
Donaldsonville, LA, and the Jefferson-St. Charles Parish line.

        The levee was inspected on October 24, 1991. The levee was
in excellent condition. There were two sections of levee under
construction for enlargement and a third contract had just been
awarded. An OUTSTANDING rating is assigned.

j. PLAQUEMINES PARISH WEST BANK LEVEE DISTRICT

        This district is one of three levee districts under the
direction of the Plaquemines Parish Government and is responsible
for maintaining 37 miles of levee on the west bank of the
Mississippi River from the Orleans-Plaquemines Parish line to
approximate river mile 44.0 AHP at Point Michel.

        The inspection was conducted on October 25, 1991. The
levee was well maintained. There was no work under construction.
An OUTSTANDING rating is assigned.

k. BURAS LEVEE DISTRICT

        This district is another one of the three levee districts
under the direction of the Plaquemines Parish Government and is
responsible for maintaining 35 miles of levee on the west bank of
the Mississippi River from Point Michel to Venice, LA, and 34.4
miles of hurricane protection levees behind the river levee.

        The river levee was inspected on October 25, 1991. The
levee was well maintained. There were several ongoing construction
projects underway to raise the river levee to an acceptable
hurricane protection level. An OUTSTANDING rating is assigned.

1. EAST JEFFERSON LEVEE DISTRICT

This district is responsible for maintaining 12 miles of levee on the east bank of the Mississippi River and 17.5 miles of hurricane protection levees and floodwalls along and adjacent to Lake Pontchartrain, within Jefferson Parish.

The river levee and hurricane protection levees and floodwalls were inspected on October 29, 1991. The levees and floodwalls were exceptionally well maintained. There were two construction projects underway to enlarge the hurricane protection levees. An OUTSTANDING rating is assigned.

m. PONTCHARTRAIN LEVEE DISTRICT

This district is responsible for maintaining 111 miles of levee on the east bank of the Mississippi River from a point just below Baton Rouge to the Jefferson Parish line.

The levee was inspected on October 30, 1991. The levee, cattle guards, and fences were well maintained; no significant deficiencies were noted. There was one construction project underway to enlarge the levee. An OUTSTANDING rating is assigned.

n. METROPOLITAN COUNCIL OF BATON ROUGE

This department of public works is responsible for maintaining only 2 miles of levee on the east bank of the Mississippi River at Baton Rouge.

The levee was inspected on October 30, 1991. The levee was well maintained. The levee will be enlarged and the old asphalt slope pavement replaced next FY. An OUTSTANDING rating is assigned.

o. LAKE BORGNE BASIN LEVEE DISTRICT

This district is responsible for maintaining 12 miles of levee on the east bank of the Mississippi River, 43 miles of hurricane protection levees along and adjacent to the MRGO, 5 pumping stations, and 19 internal drainage canals in St. Bernard Parish.

The mainline river levee was inspected on November 15, 1991. The levee and sections of floodwall were well maintained. An OUTSTANDING rating is assigned.

p. GRAND PRAIRIE LEVEE DISTRICT

   This district is also under the direction of the
Plaquemines Parish Government and is responsible for maintaining
37.4 miles of levee on the east bank of the Mississippi River
between the St. Bernard-Plaquemines Parish line and the Bohemia
Spillway, and 33.4 miles of hurricane protection levee behind the
mainline river levee.

   The levees were inspected on November 15, 1991. All
levees were in excellent condition. An OUTSTANDING rating is
assigned.

MEMORANDUM FOR C/O&R Div

SUBJECT: 1991 Annual Inspection of Small Flood Control Projects, New Orleans Area

1.   In accordance with requirements of DR 1130-2-3, the inspection report for those projects requiring annual inspections in the New Orleans area is hereby submitted.

2.   Flood control projects listed below were inspected on 22 Nov 91, by Mr. Brian Keller and Mr. Steve Schinetsky and rated satisfactorily.

Project	Remarks
Bayou Vincent, LA	The heavy tree growth along both sides of the channel made it difficult to inspect the channel from the air, however, it appeared that the channel was clear of obstructions. The channel is generally larger and deeper than the original design condition, therefore, the current channel will adequately pass the design flood flows.
Natalbany River, LA	This project was in satisfactory condition. The channel appeared to be free of obstructions and flowing freely. A couple of sand bars were visible but they did not appear to be causing any problems. Although the tree growth was heavy along both banks, the channel appeared to be clear of fallen trees.
Tickfaw River, LA	This project was generally in good condition. The upper end of the river is difficult to see because of the heavy tree growth and narrow channel size, however, there didn't appear to be any obstructions impeding flow. It was easier to inspect the lower end of the channel which was open, clear, and free flowing.

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SUBJECT: 1991 Annual Inspection of Small Flood Control Projects, New
Orleans Area

Amite River and Tributaries, LA   This project is generally in good
                                       condition. The channels were clear,
                                       open and free flowing. No
                                       obstructions were noted that would
                                       impede the flow. The navigation
                                       channel through the weir appeared to
                                       be adequately defined with pilings.

Choctaw River, Choctaw Bayou, LA   This project is in good condition.
                                       The project is located in a marshy
                                       area with sparsely spaced trees along
                                       both banks. The channel was clear,
                                       open, and free flowing. No
                                       obstructions were noted that would
                                       impede the flow.

New River, LA   This project is in good condition.
                                       The channel was clear, open and free
                                       flowing. No obstructions were noted
                                       that would impede flow.

Bayou Francois, LA   This project is in good condition.
                                       The channel was free flowing and
                                       appears to be clear and open. No
                                       obstructions were noted that would
                                       impede flow.

Bayou L'Eau Bleu, LA   This project is in satisfactory
                                       condition. The project is located in
                                       a marshy area with very little tree
                                       growth along the banks. There was a
                                       considerable amount of water plants in
                                       the channel above each of the pumping
                                       stations, however, it did not appear
                                       that the plants were obstructing flow
                                       since the channel was flowing freely
                                       into Bayou Lafourche. The channel
                                       appeared to be free of any other
                                       debris that might impede flow.

                                       GERARD A. COLLETTI
                                       Chief, Readiness Branch

Copy Furnished:

Area Engr, NOAO

LOCAL PROTECTION PROJECTS (Local Maintenance Responsibility) CONSIDERED DEFICIENT AS OF DECEMBER 19_91_
(ER 1130-2-339)

PROJECT	READINESS FOR FLOOD EMERGENCY	LOCAL MAINTENANCE PROGRAM	DEFICIENT IN MAINTENANCE OF									DEFICIENT IN CONTROL OF							LOCAL INTEREST NOTIFIED OF EXISTING DEFN.	ESTIMATED COST		REMARKS
			FLOODWALLS	LEVEE SECTION AND GRADE	LEVEE CROWN ROADWAYS & GATES	REVETTED AREAS	DRAINAGE STRUCTURES	PUMPING PLANTS	PONDING AREAS	CHANNELS & FLOODWAYS	CLOSURE STRUCTURES	ENCROACHMENT & TRESPASS	WILD GROWTH	BURROWING ANIMALS	GRAZING					RESTORING PROJECT TO SATISFACTORY CONDITION ($000's)	ANNUAL MAINTENANCE ($000's)	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
NONE																						THERE WERE NO FEDERAL LEVEES RATED "UNSATISFACTORY" IN ACCORDANCE WITH DR 1130-2-3. SEE ACCOMPANYING INSPECTION REPORTS.

ENG FORM 1 JUL 73 4390-R   REPLACES ENG FORM 4390-R(Test) WHICH IS OBSOLETE.